

## PATENT ABSTRACTS OF JAPAN

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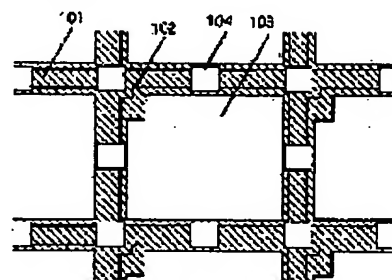
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## (54) LIQUID CRYSTAL DISPLAY DEVICE AND ITS MANUFACTURE

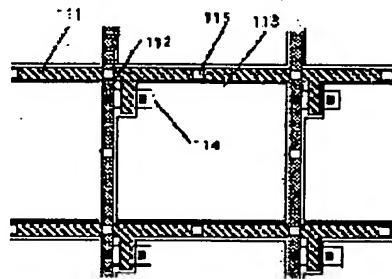
## (57)Abstract:

PROBLEM TO BE SOLVED: To exclude a factor which impedes optical modulation and to make an excellent display by providing a spacer made of organic resin in an area of an active matrix which does not contribute to optical modulation.

SOLUTION: A pixel electrode 102 is provided having its periphery overlapping with a black matrix 101, and the spacer 104 made of organic resin is provided above the back matrix 101 (A). Namely, the spacer 104 is provided in the area of the active material which does not contribute optical modulation. In constitution (B) which is not provided with the black matrix, a spacer 115 formed of organic resin is provided in an area above wires such as a scanning line 111, a signal line 112 namely, the area which does not contribute optical modulation as well. To obtain this constitution, the spacers 104 and 105 made of organic resin are formed at desired positions in the area which does not contribute to optical modulation by photolithography or printing.



(A)



(B)

## LEGAL STATUS

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